

SEQUENCE LISTING

IAP11 Rec'd PCT/PTO 04 AUG 2006

<110> Benvenisty, Nissim
Eiges, Rachel

<120> GENE PROFILING OF HUMAN EMBRYONIC STEM CELLS

<130> CIBT-PWO-175

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<170> PatentIn version 3.2

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Lys Glu Leu Glu Gln Phe Ala Lys Leu Leu Lys Gln Lys Arg Ile Thr
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Leu Gly Tyr Thr Gln Ala Asp Val Gly Leu Thr Leu Gly Val Leu Phe
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Asp Glu Pro Gln Leu Leu His Gly Ala Gly Ile Cys Lys Trp Phe Asn
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Val Arg Met Gly Phe Gly Phe Leu Ser Met Thr Ala Arg Ala Gly Val
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Ala Leu Asp Pro Pro Val Asp Val Phe Val His Gln Ser Lys Leu His
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Met Glu Gly Phe Arg Ser Leu Lys Glu Gly Glu Ala Val Glu Phe Thr
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Phe Lys Lys Ser Ala Lys Gly Leu Glu Ser Ile Arg Val Thr Gly Pro
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Gly Gly Val Phe Cys Ile Gly Ser Glu Arg Arg Pro Lys Gly Lys Ser
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Leu Asp His His Ala Lys Glu Cys Lys Leu Pro Pro Gln Pro Lys Lys
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35 40 45

His Pro Gly Asn Asp Glu Val Ala Ser Glu Asp Glu Ala Thr Val Lys
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Arg Leu Arg Arg Glu Glu Thr His Val Cys Glu Lys Cys Cys Ala Glu
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Phe Phe Ser Ile Ser Glu Phe Leu Glu His Lys Lys Asn Cys Thr Lys
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Asn Pro Pro Val Leu Ile Met Asn Asp Ser Glu Gly Pro Val Pro Ser
100 105 110

Glu Asp Phe Ser Gly Ala Val Leu Ser His Gln Pro Thr Ser Pro Gly

13

Val Asp Val Lys Pro Lys Asp Glu Ala Ala Leu Tyr Lys His Lys Cys
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Lys Tyr Cys Ser Lys Val Phe Gly Thr Asp Ser Ser Leu Gln Ile His
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Leu Arg Ser His Thr Gly Glu Arg Pro Phe Val Cys Ser Val Cys Gly
 405 410 415

His Arg Phe Thr Thr Lys Gly Asn Leu Lys Val His Phe His Arg His
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Pro Gln Val Lys Ala Asn Pro Gln Leu Phe Ala Glu Phe Gln Asp Lys
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Val Ala Ala Gly Asn Gly Ile Pro Tyr Ala Leu Ser Val Pro Asp Pro
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Ile Asp Glu Pro Ser Leu Ser Leu Asp Ser Lys Pro Val Leu Val Thr
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Thr Ser Val Gly Leu Pro Gln Asn Leu Ser Ser Gly Thr Asn Pro Lys
 485 490 495

Asp Leu Thr Gly Gly Ser Leu Pro Gly Asp Leu Gln Pro Gly Pro Ser
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Pro Glu Ser Glu Gly Gly Pro Thr Leu Pro Gly Val Gly Pro Asn Tyr
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Asn Ser Pro Arg Ala Gly Gly Phe Gln Gly Ser Gly Thr Pro Glu Pro
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Gly Ser Glu Thr Leu Lys Leu Gln Gln Leu Val Glu Asn Ile Asp Lys
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Ala Thr Thr Asp Pro Asn Glu Cys Leu Ile Cys His Arg Val Leu Ser
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Cys Gln Ser Ser Leu Lys Met His Tyr Arg Thr His Thr Gly Glu Arg
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Pro Phe Gln Cys Lys Ile Cys Gly Arg Ala Phe Ser Thr Lys Gly Asn
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Leu Lys Thr His Leu Gly Val His Arg Thr Asn Thr Ser Ile Lys Thr
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Gln His Ser Cys Pro Ile Cys Gln Lys Lys Phe Thr Asn Ala Val Met
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Leu Gln Gln His Ile Arg Met His Met Gly Gly Gln Ile Pro Asn Thr
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Pro Leu Pro Glu Asn Pro Cys Asp Phe Thr Gly Ser Glu Pro Met Thr
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Val Gly Glu Asn Gly Ser Thr Gly Ala Ile Cys His Asp Asp Val Ile
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Glu Ser Ile Asp Val Glu Glu Val Ser Ser Gln Glu Ala Pro Ser Ser
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Ser Ser Lys Val Pro Thr Pro Leu Pro Ser Ile His Ser Ala Ser Pro
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Thr Leu Gly Phe Ala Met Met Ala Ser Leu Asp Ala Pro Gly Lys Val
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Gly Pro Ala Pro Phe Asn Leu Gln Arg Gln Gly Ser Arg Glu Asn Gly
740 745 750

Ser Val Glu Ser Asp Gly Leu Thr Asn Asp Ser Ser Ser Leu Met Gly
755 760 765

Asp Gln Glu Tyr Gln Ser Arg Ser Pro Asp Ile Leu Glu Thr Thr Ser
770 775 780

Phe Gln Ala Leu Ser Pro Ala Asn Ser Gln Ala Glu Ser Ile Lys Ser
785 790 795 800

Lys Ser Pro Asp Ala Gly Ser Lys Ala Glu Ser Ser Glu Asn Ser Arg
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Thr Glu Met Glu Gly Arg Ser Ser Leu Pro Ser Thr Phe Ile Arg Ala
820 825 830

Pro Pro Thr Tyr Val Lys Val Glu Val Pro Gly Thr Phe Val Gly Pro
835 840 845

Ser Thr Leu Ser Pro Gly Met Thr Pro Leu Leu Ala Ala Gln Pro Arg
 850 855 860

Arg Gln Ala Lys Gln His Gly Cys Thr Arg Cys Gly Lys Asn Phe Ser
 865 870 875 880

Ser Ala Ser Ala Leu Gln Ile His Glu Arg Thr His Thr Gly Glu Lys
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Pro Phe Val Cys Asn Ile Cys Gly Arg Ala Phe Thr Thr Lys Gly Asn
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Leu Lys Val His Tyr Met Thr His Gly Ala Asn Asn Asn Ser Ala Arg
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Arg Gly Arg Lys Leu Ala Ile Glu Asn Thr Met Ala Leu Leu Gly Thr
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Asp Gly Lys Arg Val Ser Glu Ile Phe Pro Lys Glu Ile Leu Ala Pro
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Ser Val Asn Val Asp Pro Val Val Trp Asn Gln Tyr Thr Ser Met Leu
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Gly Gly Val Pro Thr Leu Pro Val Ser Leu Gly Ala Thr Ser Val Val
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